

# MOA and Advanced Dredging Technologies

- 2001 Started Cooperation
- 2004 MOA
  - 2004: Dredging Cluster (Terms of Reference)
  - 2005 Exchange of Information, Silent Inspector, MARS, etc.
  - 2006 MOA LACPR

# **Advanced Dredging Technologies**

## **Technical Problem Statement**

- Address issues associated with efficient long pipeline transport for wetland restoration and barrier island dune construction

# Best Practices/ Lessons Learned

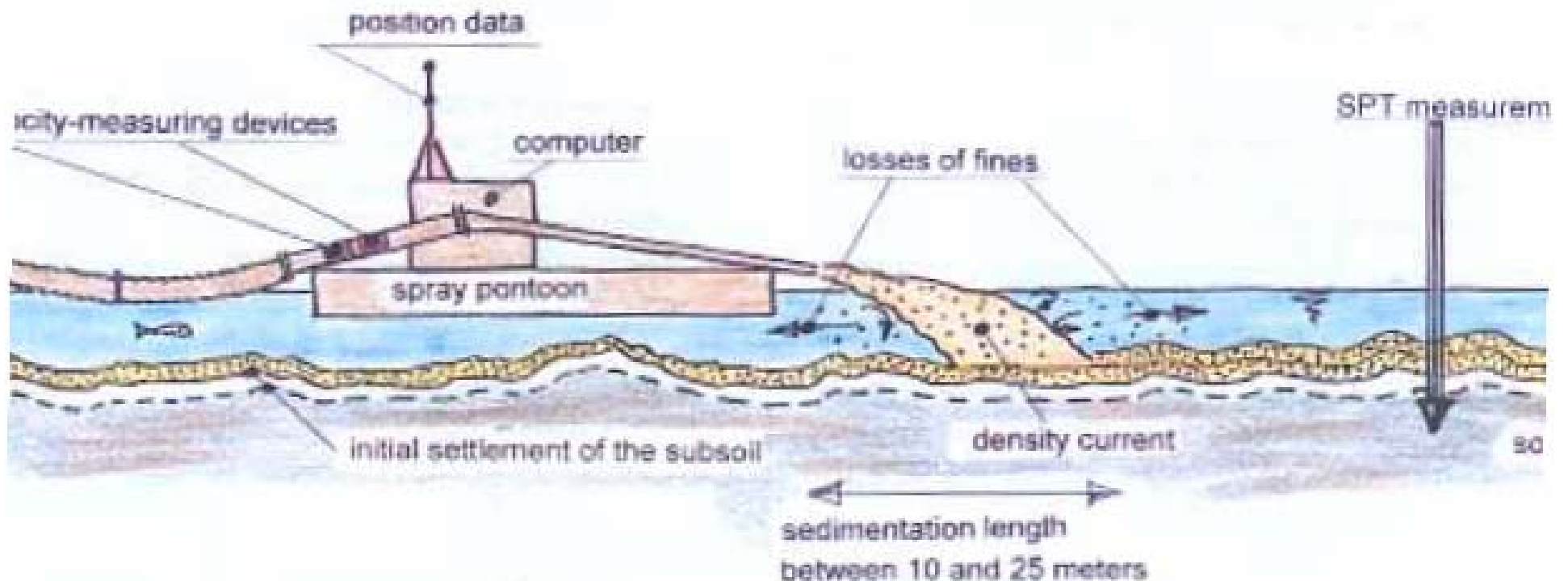


# Best Practices/ Lessons Learned

- Type of Pipeline (steel vs HDPE) and advantages and disadvantages
- Remote control booster pumps
- Wetlands placement techniques

# Best Practices/ Lessons Learned

## Thin layer placement



# Best Practices/ Lessons Learned

Thin layer placement



# Best Practices/ Lessons Learned

- Contractual strategies and specifications
- Slurry density control to optimize hydraulic transport
- INSIDE

# Future Work

- Expand on innovative solutions
- Massive sediment transport
- Research on hydraulic transport optimization